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ABSTRACT

This resource paper is intended to assist public school administrators and staff who are struggling to comply with Federal and state laws and regulations governing telecommunications, which may involve the use of television and/or computers. Introductory materials provide background information on New York's "Regents Action Plan" and the "Long Range Program for Libraries in New York State," both of which involve increased use of computers in school systems, and an explanation of how this guide can be used to find resources, including expert advice on educational technology and funding sources for equipment. The information resources listed include: (1) Federal government documents, including a sample of the form used for entries in this guide; (2) Federal laws and regulations; (3) Federal departments and agencies; (4) general sources of Federal information; (5) New York State publications; (6) Federal grants and assistance, including clearinghouses and databases; and (7) professional organizations that are actively involved in research or funding, or provide advice in the fields of technology, education, or telecommunications, including the periodicals they publish. Information on the Federal Communications Commission (FCC) and the U.S. National Telecommunications & Information Administration (NTIA) is appended, and a 14-item annotated bibliography is provided as well as a brief general bibliography. (DJR)

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RESOURCES

FOR

EDUCATIONAL TECHNOLOGY

by

Nancy L. Platz

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IR 012 561

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INTRODUCTION

Every school district in New York State is faced with passing the budget,paying the bills, and----satisfying government guidelines. There are federal and state laws and regulations. The latest one from New York impacting on the schools is the *Regents' Action Plan*.

This resource paper is written for public school administrators and staff who are struggling to comply with all of the requirements. For example, in some cases, due to staffing problems, they are not prepared to offer the third year of a foreign language to some students. They may be exploring the use of instructional television with other schools or school districts.

In addition to the Action Plan, the Board of Regents has initiated a *Long Range Program of Library Services to the People of New York State*. Both plans involve an increases use of computers in the school systems.

This guide should serve as an introduction to educators about the federal and state laws and regulations involved in telecommunications . Telecommunications has been defined as 'a carrier of information.' It can involve television and/or computers.

It is the intention that educators can utilize this guide to uncover resources to assist their problem solving---contacts that can be made to receive expert advice on 'educational technology,' or funding sources for technical equipment.

To understand 'educational technology,' background reading in the *International Encyclopedia of Education* would be helpful. The sections,"Educational Technology: Conceptual Frameworks," and "Economics of Educational Technology" provide information on the combining of technology and education.

BACKGROUND

On August 26, 1981, the National Commission on Excellence in Education was created by Secretary of Education T.H. Bell to examine the quality of education in the United States and deliver a recommendation for educational improvement.

In the opening page of the report, titled, *A Nation at Risk*, the commission stated:

> All, regardless of race or class or economic status, are entitled to a fair chance and to the tools for developing their individual power of mind and spirit to the upmost.....

It concluded:

> .....Reform of our educational system will take time and unwaivering commitment.

So, whether in response to that very terse edict of responsibility to the educational system, ------or in line with pre-set goals, the New York State Board of Regents announced its *Regents Action Plan*, on July 30,1983.

That document, or directive, which is to be officially implemented in all public and private schools in New York State, starting September 1986, has begun to change the educational climate and curriculum at all levels.

Requirements in : computer instruction for all students; three years of foreign language classes; course-related library skills instruction,--all point to the projected need for added educational technology.

The Board of Regents, in a separate *Long Range Program for Libraries in New York State*, acknowledged that:

> Libraries are confronted by new technology, which is fundamentally changing their services and operations; at the same time they cope with a greatly incresed volume of published materials. Rapid advances in computer technology, automation, and telecommunications are transforming methods of handling and transforming information. These changes require library investment in equipment and sorfware for new services.....Therefore the first step toward building a computer-based statewide network, utilizing Federal and State grant funds has been undertaken by all libraries in the state.

In order to be a full participant in both of these plans of the Board of Regents, to follow the letter of the law, and to implement the innovation, "at the school level the process is mainly one of practical problem-solving." (Dalin)

Lack of adequate funds, plus rising costs for every aspect of education, are forcing school administrators to search for funding sources in order to increase their use of technology.

In the 1970's the fields of audiovisual education and programmed learning were merged into the field of educational technology. The components of television, films, overhead projectors, computers and other types of 'hardware' and 'software' are used with the other concepts to bring it together within the whole learning process.

The Association of Educational Communications and Technology(AECT) defined this new field as: "the use of a broad range of resources for learning, the emphasis on individualized and personalized learning, and the use of the systems approach."

With the advent of cable television, the linkage of educational resources has expanded. Instructional television is being re-examined as a means of fulfilling requirements in education. However, television in itself can not solve all the questions, give all the answers.

As stated in *Television and Video in Libraries and Schools*:

> Much of the success or failure of television as a creative force is in the hands of the librarians and educators who will either use, or fail to use it, in constructive and innovative ways.....Only people, armed with reliable information and professional initiative and creativity, can make the technology work for a better society. Librarians and educators can be the best possible conductors in harnessing all of the power of technology to human needs for information and self-realization.

The parallel of the use of television could be made in the use of the whole field of 'educational technology'---which would include computers and other aspects of telecommunications.

USE OF THE RESOURCE GUIDE

The records of laws, regulations, and funding grants are all in government documents. The guide will indicate the types of material that are available from both Federal and state governments, and from what source.

Some of the search terms used to find documents were: cable television; telecommunications; federal aid to education; elementary-secondary education; and educational technology.

There are commercial publications included as sources of government information which are considered accurate and authoritative. Previewed ones are annotated.

Other information listed in this resource guide: what departments and agencies are involved in the regulation of laws; what organizations are actively involved in research or funding--or advice in the fields of technology, education, or telecommunications; clearhouses; databases; plus,--- anyone, or anything appearing to be helpful.

A bibliography lists works of general interest in education, telecommunications, and government.

The libraries at Syracuse University and the City of Utica provided the material for the paper. Educators in public schools can obtain most of the same literature, or copies of it, through Inter-Library Loan. Requests are channeled from the School Library Systems' office at the district BOCES to a regional office. From there, material is accessed from the nearest school, public, or academic library which has it available.

Some Federal government publications are for sale through the United States Government Printing Office(G.P.O.). Address requests to: Superintendent of Documents, United States Government Printing Office, Washington, D.C., 20402. All information must be included concerning the document: title, date, Superintendent of Documents #(SuDoc); price; stock number. Payment is required in advance--check or master card acceptable.

GOVERNMENT DOCUMENTS

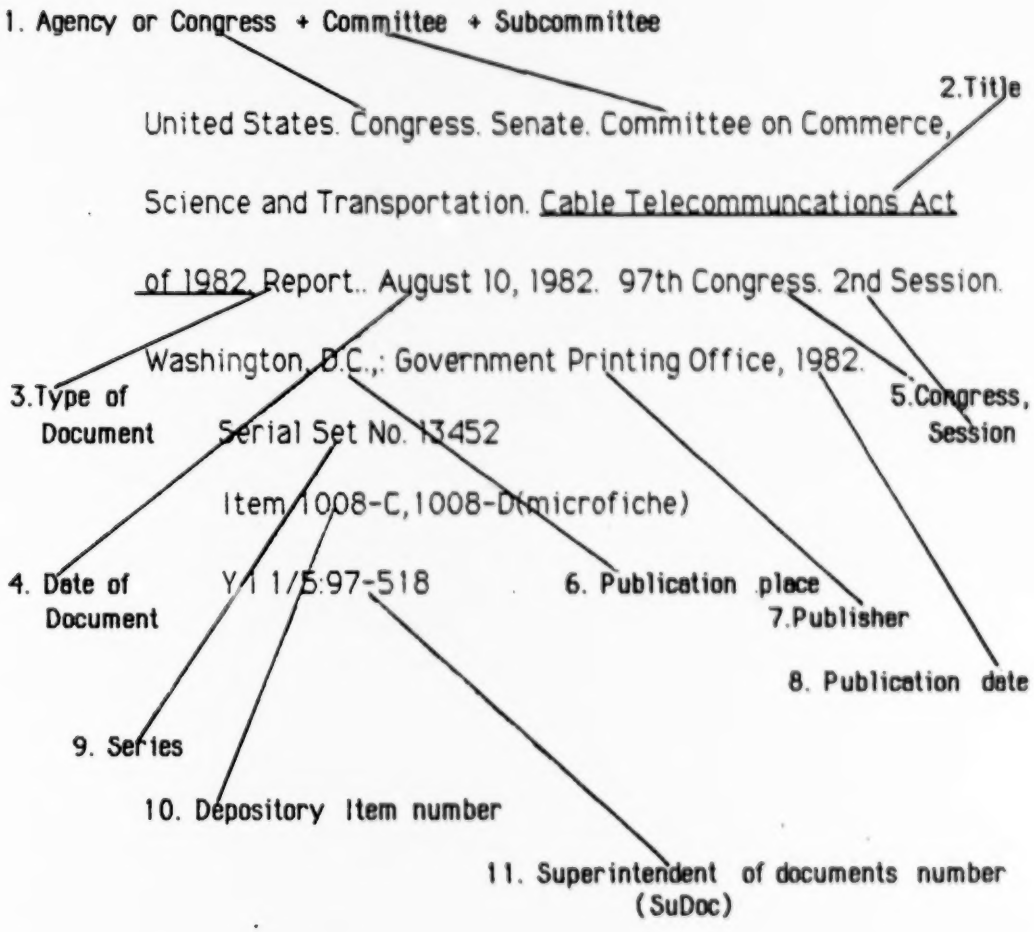
The laws and regulations governing public schools come from both the United States Government and New York State. They appear in printed form in a number of wasys. This ranges from a pamphlet produced overnight with a new law from Congress, termed a 'slip law,'to huge volumes containing all the rules and regulations for the enforcement of laws.

The main government record which refers to all of the documents published by the United States Government is an index printed by the Superintendent of Documents, called the *Monthly Catalog of United States Government Publications*. Many of these publications are available for purchase, and a large number are placed for use in designed libraries.

These libraries have been established by the government as Depository Libraries. A specified amount of free printed documents and microfiche are sent to these public and academic libraries. The libraries, in turn, have the responsibility to 'make them available to the public.'

This is an example of an entry taken from the abstract section of the *Monthly Catalog* , which will serve as the form for this guide.

Explanation of Sample Entry


1. Agency or Congress + Committee + Subcommittee
2.Title
United States. Congress. Senate. Committee on Commerce,
Science and Transportation. Cable Telecommuncations Act
of 1982. Report.. August 10, 1982. 97th Congress. 2nd Session.
Washington, D.C.,: Government Printing Office, 1982.
3.Type of Document
5.Congress, Session
Serial Set No. 13452
Item 1008-C,1008-D(microfiche)
4. Date of Document
Y 1 1/5:97-518
6. Publication place
7.Publisher
8. Publication date
9. Series
10. Depository Item number
11. Superintendent of documents number (SuDoc)

Subject Bibliographies are issued by the Government Printing Office. All of the publications can be purchased, from the list.

Congress. Department of Commerce.
Issues in Domestic Telecommunications:Direction for National Policy. Washington, D.C. : G.P.O.,1985.
C 60.9:85-16
S/N 003-000-00641-7
$7.00

Consists of an analysis of issues in domestic telecommunications with recommendations for a national policy. Seven areas are discussed; development of technology.

Federal Register . Washington, D.C.: Office of the Federal Register. National Archives and Records Service, General Service Administration.

Daily publication, required by law, of public regulations and legal notices issued by Federal agency. Includes Presidential proclamations and Executive Orders and Federal agency documents having general applicability and legal effect.

Congress. Department of Education. Office of the Secretary.
Secretary's Discretionary Program for Mathematics, Science, Computer Learning, and Critical Foreign Languages. Notice.. January 22, 1985. 99th Congress. 1st Session. Washington D.C.: G.P.O., 1985.

The Secretary proposes annual funding priorities for nationally significant project grants for development of technology demonstration programs and teacher training projects.

Congress. Department of Commerce. Federal Communications Commission. Amendment in Regard to the Instructional Television Fixed Service. Final Rule...August 15, 1984. 98th Congress. 2nd Session. Washington, D.C. G.P.O., 1985.

Commercial Index

CIS/INDEX . Vol. 49. Bethesda, Md.: Congressional Information Service, Inc., 1984.

Published quarterly and cummulated annually. Arranged by committees, and then by type of report--either part of Congress. Relates to the Federal Register with annotation describing the document.

Congress. House. Committee on Education and Labor. Subcommittee on Elementary, Secondary, and Vocational Education. Computer Education, Hearing...May 1, 1984. 98th Congress. 1st Session. Washington,D.C.: G.P.O.,1984.
Item 1015-A: 1015-B
MC 85-11703 IC 85-600944
Y 4.ED 8/1:C73123

Purpose of the hearing was to consider bills to encourage computer use in education.

Congress. Senate. Committee on Labor and Human Resources, Subcommittee on Education, Arts, and Human Resouces. S.177 Hearing.. July 25, 1985. 99th Congress. 1st Session. Washington, D.C.: G.P.O., 1985.
Item 1043-A 1043-B (Microfiche)
Y 4.L 11/4:S Hrg. 99-232

Hearing concerning S. 177, to authorize a national program of improving the quality of education.

LAWS AND REGULATIONS

United States Statutes at Large. Washington, D.C.: General Services Administration, National Archives and Records Service, Office of the Federal Register.,G.P.O.

All of the laws passed by Congress are compiled by number into bound volumes, at the end of Congressional year.(original slip laws)

United States Code. Washington,D.C.: Congress. House, Office of the Law Revision Counsel.,G.P.O.

Lists all of the laws in effect by subject.

Digest of Public Bills and Regulations. Washington, D.C.: Congressional Service, Library of Congress., G.P.O.

Index to this quick reference is by subject. Statement of law and its history. Chronology provided.

United States. Congress. Public Law 97-260. Law... September 20, 1982. 96th Congress. 2nd Session. Washington, D.C.: G.P.O. 1983.

Law includes Communication Amendments to the Communications Act of 1934;annual funding for the National Telecommunications and Information Administration, an agency in Commerce Department.

Code of Federal Regulations . Washington, D.C.: Office of the Federal Register, National Archives and Records Service, General Services Administration.,G.P.O.

Official publication of all Federal regulations. A cumulative index lists by subject. Departments and agencies of the Federal government enforce them.

United States. National Archives and Records Service, Office of the Federal Register. Telecommunications Demonstration Program. Full Text....July 1, 1985. Washington, D.C. G.P.O.,1985.

Statement: The overall objective of the Telecommunications Demonstration Program is to promote the development of non-broadcast telecommunications, facilities, and services for the transmission, distribution, and delivery of education information.

GAO Documents . Washington, D.C.:G.P.O.

Catalog of Reports, Decisions and Opinions, Testimonies and Speeches. Index provided to GAO(Government Agencies and Organizations) Documents. Monthly publication, with cummulations.

Congress. Department of Education. Human Resources Division. Comptroller General. Education Block Grant Alters State Role and Provides Greater Local Discretion. Report..November 19,1984. Washington, D.C.: G.P.O.,1984.

GAO reviewed states' implementation of the education block grant.

United States Government Manual. Washington, D.C.: General Services Administration, National Archives and Records Service, Office of Federal Register, G.P.O.

Considered the official handbook of the Federal Government. Provides information of the legislative, judicial and exeacutive brances. Includes agencies, departments of the government, with descriptions, addresses and phone numbers.

DEPARTMENTS AND AGENCIES

DEPARTMENT OF COMMERCE--

Within the executive branch of the government, encourages, serves and promotes the Nation's international trade, economic growth, and technological advancement. Provides research and support for the increased use of scientific engineering and technical development. Agencies within the Department regulate certain areas.

Address: 14th Street N.W.
Washington, D.C.,20230

Federal Communications Commission(FCC)

Responsible to regulate the telecommunications industry, issue licences, establish policy--for commercial and non-profit broadcasting.

National Telecommunications and Information Administration(NTIA)

Formulates policies to support the development and growth of telecommunications, information, and related industries.

Phone: 202-377-1832

Department of Education

- Cabinent-level department that establishes policy for, administers, and coordinates most Federal assistance to education.

Address: 400 Maryland Avenue, S.W.
Washington, D.C.,20202
- Phone: 202-245-2192

Elementary and Secondary Education

Policy formed and directed in this area by Assistant Secondary.

Publications

Index to U.S. Government Publications. Chicago: Inforda International Inc., 1984.

Published quarterly since 1970, with annual cummulation. Indexed by author and subject. Gives title and where to find article

McKenna,Francis E. "Improving Cable Television Service in Rural Areas," Rural Development Perspectives., Vol. 1, Issue 3, June 1985. Washington, D.C.: Economics Research Service,Office of Rural Development Policy, Department of Agriculture, G.P.O.,1985

Catalog of Federal Domestic Assistance.19th Ed. Washington, D.C.: G.P.O., 1985.

Contains assistance programs administrated by 52 Federal agencies. Potential applicants are to contact the agency information sources in the program descriptions for the latest information concerning assistance programs.

Congress Department of Commerce, National Telecommunications and Information Administration. PUBLIC TELECOMMUNICATIONS FACILITIES(PTFP). Project grants....Washington, D.C.: G.P.O.,1985.

Matching grants are given for apparatus necessary for production, dissemination, interconnection, and repetion of noncommercial educational.....programs,and related instructional or informational material.

Current Index to Journals in Education(CIJE). Bethesda, Md.: Ornx, 1985.

Covers more that 750 education-related journals. Index & abstracts

Dunnett,Colin W. "The Technologies of Education, Communication and Distance Education,"Programmed Learning and Educational Technology, 1984, p. 368-373.

Resources in Education(ERIC). Bethesda, Md.: Ornx, 1985.

Print index and abstracts of literature on educational topics, reports, research, bibliographie and conferences. Articles available on microfiche, or prints may be ordered.

Robinson, Rhonda S. "An Investigation of Technological Innovation: Interactive Television." Paper presented at the Annual Convention of the Association for Educational Communications & Technology. Anaheim, CA., Jan. 17-23,1985.
ED 256 331

FEDERAL INFORMATION--GENERAL SOURCES

CONGRESS AND THE NATION. Washington, D.C.: Congressional Quarterly Inc. 1985.

The various departments of the government are covered with a chronology of action for the years. (Education--Elementary-Secondary Aid) General subject areas,which involved Congressional action or interest are discussed, editorially.(Cable de-regulation activitiy in 1984 highlighted--Presidential veto of bill included) Synopsis of national issues.

Congressional Quarterly Almanac. Washington D.C.:Congressional Quarterly, Inc., 1985.

Annual report of Congressional activitiy. Major action of Congress, Committees, or the President are recorded. Failure of cable de-regulation discussed. Legislative review given. Refers to Congressional Weekly Reports. States that serves education, news, business and publications.

Federal Regulatory Directory.5th Ed. Washington, D.C. Congressional Quarterly, Inc., 1986.

Explains 'the Regulatory Process.' Explores history and currect treds toward de-regulation. Focuses on thirteen of the largest agencies. Gives information about each and the legislation involved. Profiles of 90 other agencies. Appendix includes Freedom of Information Act, Privacy Act, and Presidential orders.

List of Classes of United States Government Publications Available for Selection by Depository Libraries. Washington, D.C.: G.P.O., 1984.

Subject index leading to publications, provides code.

Major Legislation of the Congress, Issue 7. Washington, D.C.: Library of Congress, 1984.

Provides summaries of Congressional issues by topic. Focuses on the major legislation introduced and the response to it. Designed for Congressional & District offices.(De-regulation of cable television declared an 'uphill battle') Bacakground legislation is taken from the CRS Major Issue(On-line) System, through a special computer program.

U.S. Government Publications. McLean, Va.: Documents Index, 1986.

Bibliographic tool for government documents. Provides an annotated guide to official serials, periodicals in U.S. Government. Publishes all the classification numbers for Superintendent of Documents.

Washington Information Directory, 1985-86. Washington, D.C.: Congressional Quarterly Inc., 1985.

Annual reference guide to officials in the Federal departments and agencies in Washington. Addresses and phone numbers listed of public information offices and key officials. Appendix includes mayors, governors.

Washington Representatives, 9th Ed. Washinton, D.C.: Columbia Books Inc., 1985.

Compiled list of Washinton representatives of the major national associations; labor unions; U.S. companies; lobbyists; lawyers; law firms and special interest groups--together with clients, areas of legislation & regulatory concern. Includes phone no., background. Lists available in mailing labels.

NEW YORK STATE

Checklist of Official Publications of the State of New York. Albany, N.Y.: New York State Library, 1985.

Publications of the State of New York are listed in this monthly publication. Items are indicated as being in depository libraries, available other places, and/or for purchase.

State of New York. Budget Summary. Albany, N.Y.,October 1984.

Reviews the current and projected condition of the State and the national economy. Includes mid-year account of operation of state programs. Reports progress toward the goals as stated in Governor's Executive Message.

State of New York. State Education Department, University of the State of New York,New York State Library. Library Service to the People of New York State,A Long Range Program. Serial.....Albany, N.Y.: New York State Library, 1985.

Revisions in the five-year program for the improvement of library services in New York State. Profiles of public libraries,explanations of projections, plans. Schools and School Library System, plus academic and institution libraries are included. Bibliography of major documents for New York State Library Service Program.

Dictionary Catalog of Official Publications of the State of New York. Albany, N.Y.: New York State Library, 1985.

Lists monographs cataloged by the New York State Library. The Catalog and certain monographs are sent to specified Depository Libraries. Some are available for purchases from the New York State Library.

New York State Plan for Chapter 2 of the Education & Consolidation and Improvement Act of 1981, P.L. 97-35. Albany, N.Y., 1985.
OCL 12175406
(UNI, 068-4 NEWYS, 85-70485)

New York State, Public Service Commission. Regulation of Cable Television by the State of New York. Albany,N.Y.,1970.
OCL 1139856
(Pub, 146-4 Regct, 1446592)

Legislative Manual. Albany, N.Y.: Department of State, 1985.

For use of the Legislature. Lists Departments, tasks and committees. Constitution of the State and other documents reprinted.

New York Red Book. 88th Ed. 1985-1986. Albany, N.Y.: Williams Press, 1985.

Yearbook containing information about New York State--its government, officials, and statistical information. Illustrated.

New York State Directory,1984 Ed. N.Y.: Empire State Report,Inc., 1984.

Private firm produced this handy guide to the offices and persons in New York State government. Special section on lobby groups and special interest groups.(25 policy areas.

McKinney's Consolidated Laws.

New York State Laws in complete text, by subject.

Monthly Checklist of State Publications. Washington, D.C.: Government Printing Office, 1985.

A record of State documents issued during the last five years which have been received during the last five years by the Library of Congress. Monographs are listed each month and periodicals are listed semiannually.

Department of Commerce

Public Telecommunications Facilities

Public broadcast stations, public telecommunications entities, institutions or associations organized primarily for education, state and local government agencies are eligible for matching grants. To assist in planning and construction of public telecommunications facilities in order to extend delivery of public telecommunications services. Ranges from $5,000-$750,000.

Contact: Director Public Telecommunications Facilities
Division/NTIA, Room 198
1325 G Street, N.W.
Washington, D.C., 29995

Department of Education

Educational Television and Radio Programming

Financial aid, not specified is given to local and state governments, institutions, associations & individuals.

Contact: Educational Technology Dvelopment Branch
Division of Educational Technology
Office of Libraries and Learning Resources
Bureau of Elementary and Secondary Education
Department of Education
400 Maryland Ave. S.W., Room 3116
Washington, D.C., 20202

Educational Research and Development

Financial aid of $1500-$3000,000 to public and private agaencies and organizations for the improvement of education. Priority is on research and development.

Contact: National Institute of Education
Department of Education
1200 19th St., N.W.
Washington, D.C.,20208

Free Newsletters-- *NIE Information,*
Funding Opportunities
Information on Unsolicited Proposals

Contact: Office of Public Affairs ,Department of Education
1200 19th St., N.W. Room 717
Washington, D.C., 20208
Phone: 202-254-5750, ex. 7150

Elementary & Secondary Education

Administers federal assistance programs for elementary and secondary education.

Contact: Lawrence F. Davenport, Assistant Secretary
400 Maryland Ave., S.W.
Washington, D.C., 20202

Library Programs

Administers federal library and information science assistance programs.

Contact: Ray Fry, Director
Library Programs
1200 19th St. N.W.
Washinton, D.C., 20208
Phone: 202-254-5680

Clearinghouses

Federal Information Center

Will find a government expert to assist person on many topics.

Contact: Federal Information Center--Government Assistance
General Services Administration
7th & D St. S.W., Room 5718
Washington, D.C., 204051
Phone: 202-755-8660

Educational Resources Information Center

Nationwide information system funded by the National Institute of Education and is designed to make information on all aspects of education readily available.

National Center for Education Statistics

Compiles education statistics & analysis. Provides financial data on educational institutions. Many publications are available--most for sale.

Contact: National Center for Education Statistics
Department of Education
Presidential Building
6525 Belcrest Rd.
Washington, D.C.,20202
Phone: (301) 436-7900

National Referral Center

Will locate an organization that specializes in providing free information in an area of interest.

Contact: National Referral Center
Library of Congress
Washington, D.C.,205401
Phone: 202-755-8660

Databases

Education

Resources in Computer Education

Contains over 3600 descriptions of microcomputer software packages for education. Each record gives information on the software, hardware requirements. Computer literacy resources.

Producer: Northwest Regional Educational Laboratory.
See: *Directory of Online*

Educational Resources Information Center(ERIC)

Database of literature on educational topics. Persons in education can obtain access to reports on innovative programs, bibliographies, educational research, and conference proceedings. Can be obtined in one of 500 facilities in U.S. Fee may be charged.

Print Source: *Resources in Education(RIE)--*
Index, with abstracts--

Producer: ERIC Processing & Reference Facility
Contact: Educational Resources Information Center(ERIC) ORI,Inc.,
Informations Systems Division
4833 Rudgy Ave., Suite 301
Bethesda, MD., 20814

Grants

Grant Information System (GIS)

Print Sources: Grant Information System; Faculty Alert Bulletin;
Directory of Research Grants; Elhi Funding Sources
Available from: Oryx Press
2214 N. Central
Phoenix, AZ., 85004
Phone: (802) 254-6156
Contact: Mrs. Phyllis B. Steckler

Library

Library & Information Science Abstracts (LISA)

Printed Sources: *Library & Information Science Abstracts*
Contact: Dr. Roger Bilboul
Distributor: Learned Information, LTD.
Besselsleigh Rd.
Abingdon
Oxford OX13 6EF, United Kingdom

Media

National Information Center for Educational Media (NICEM)

Covers information on non-book educational media; 16 mm films; 35 mm filmstrips; overhead transparencies; video tapes; phono records; 8 mm motion cartridges; slides and slide sets.

Distributor: National Information Center for Educational Media
University of Southern California
University Park
Los Angeles, CA,90007
Contact: Dr. M. Thomas Risner
Phone: (213)743-6681
(800)421-8711

Telecommunications

FCC Daily Digest

Full text of official daily summary of the activities of the Federal Communications Commission (FCC). Includes:activity agendas; press releases; announcements; public notices; and other FCC business.

Producer: Television Digest, Inc.
See: *Directory of Online*

FCC Week

Full text of *FCC Week*, newsletter on Federal communications policy. Covers regulator activities of FCC

CIS/INDEX

Contains citations, with abstracts, to publications produced by the committees and subcommittees of the U.S. Congress. Includes: hearings; reports; committee prints; House & Senate Documents; legislative histories of Public Laws.

Producer: Congressional Information Service, Inc.
See: *Online Directory*

Federal Index

Contains citations to the *Congressional Record, Federal Register,* and *Weekly Compilation of Presidential Documents.*

Online: Dialog

Federal Register Abstracts

Contains abstracts of each document published in the *Federal Register.* Covers regulations and proposed rules to the *Code of Federal Regulations (CFR)* ;public notices and Executive orders; hearings; meetings; other references.

Print Source: *CSI Federal Register Abstracts*
Producer: National Standards Association
See: *Online Directory*

FREE DIRECTORY OF DATABASES

Contact: National Center for Educational Statistics
Department of Education
400 Maryland Ave. S.W.
Presidential Building, Room 1001
Washington, D.C., 20202
Phone: (301) 436-7900

Computer

EPIE Institute
(Educational Products Information Institut

Systematically analyzes and collects user data on instructional materials. Provides in-service training & consultation on instructional materials. Publishes equipment newsletter; materials newsletter; reports; *Educational Software Selector* (directory). Also publishes profiles on textbooks & over 400 evaluations of microcomputer courseware and hardware.

Contact: P.Kenneth Komoski, Exec. Director
EPIE Institute
P.O. Box 839
Water Mill, N.Y., 11976

National School Curriculum Center for Educational Computing (NSED)

Contact: Dr. Catherine Ricardo, Exec. Director
33 Knutsen Knoll
Tappan, N.Y., 10983

National School Resource Network (NSRN)

Address: 5530 Wisconsin Ave.,Suite 1600
Chevy Chase, Md., 20815
Phone: (202) 654-8338

Project On Information Technology and Education

Staff conducts policy analysis on use of computers and telecommunications in education. Funded by the Carnegie Corporation.

Contact: Marc Rucker, Director
1001 Connecticut Ave., N.W.
Washington, D.C., 20036

Special Interest Group For Computer Uses in Education (SIGCUE)

Special interest group of Association for Computing Machinery. Educators interested in the use of computers in education. Sponsors panels, seminars, conferences, and participates in sessions on computers & computer ed.

Contact: Ronald E. Anderson, Chr.
Association for Computing Machinery
11 W. 42nd. St., 3rd. Floor
New York, N.Y., 10036

Educational Facilities

Council of Educational Facility Planners International (CEFPI)

--Formerly: National Council on Schoolhouse Construction

Sponsors exchange of information, research, planning and design of facilities for education. Maintains library and speakers bureau. Publishes a journal and membership directory--plus *Guide for Planning Educational Facilities*. Has regional groups, conventions.

Contact: Dr. Dwayne E. Gardner, Dir.
29 W. Woodruff Ave.
Columbus, Ohio, 43210

Educational Technology

Association For Education Communications and Technology (AECT)

Has electronic mail service, *Techcentral,* which brings together resources and practioners involved with educational media and technology. Publishes a journal, *Tech Trends*. Has had five nationwide video satellite teleconferences, concerning applying eduational technology to content areas.

Contact: Dr. Lyn Gubser, Exec. Dir.
1126 16th Street, N.W.
Suite 214
Washington, D.C.,20036
For Grants: Susan Tucker, Director of Contracts & Grants

American Newspapers Publishers Association(ANPA)

Committee reseaches & reports on public access services, including interactive cable, videotex, & teletext. Has current information on & applications of public access telecommunications information services. Publishes reports. Sponsors seminars on electronic publishing.

Contact: Kathleen Criner, Dir.
Telecommunication Affairs
The Newspaper Center
Box 17407
Dulles International Airport
Washington, D.C.,20041

International Communications Industries

Membership consits of manufacturers, dealers, and specialists in educational products. Provides information to educators on federal funding for audiovisual equipment; conducts software conference on microcomputers.

Contact: Harry J. McGee, Exec. Vice President
International Communications Industries
3150 Spring St.
Fairfax, Va., 22031

Library and Information Technology Association(LITA)

Concerned with information desimmination in areas of video and cable communications, telecommunications, audiovisual, and library automation. Convention at ALA.

Contact: Donald P. Hammer, Exec. Dir.
50 E. Huron Street
Chicago, IL., 60611
Phone: (312) 944-6780

National Information Center for Educational Media (NICEM)

World's largest computer-based ubdex ststen if audio-visual materials: films; filmstrips; audio & video tapes; recordings; slide sets; transparencies; and special education for school districts & libraries. Provides custom-cataloging service, listing holdings of individual users. Telecommunications Service: Toll-free order(800)421-8711

Contact: James C. Johnstone, Dir.
P.O.Box 40130
Albuquerque, N.M.,87196
Phone: (505) 265-3591

University Consortium for Instructional Development and Technology (UCIOT)

Formerly: University Consortium in Educational Media and Technology

Members from higher education institutions with research and training programs in field of educational media & technology--seek research, and development contracts for government assistance in application of technology to increasing teaching productivitiy. Sponsors Instructional Development Institute & training programs in Educational Media & Technology.

Contact: Dr. Donald P. Ely, Dir.
030 Huntington Hall
School of Education
Syracuse University
Syracuse, N.Y., 13210

Periodicals

Education Technology

Address: 720 Palisade Avenue
Engelwood Cliffs,
New Jersey, 07632
Phone: (201) 871-4007

Indexed: Education Index; Microcomputer Index; Current Index to Journals in Education(CIJE)

In Microfilm: University Microfilms
Ann Arbor, Michigan

Tech Trends

Official publication of the Association for Educational Communications & Technology. Contains up-to-date articles by persons concerned with technology and education.

Address: 1128 Sixteenth St. N.W.
Washington, D.C.,20036
Phone: (202) 468-4780

APPENDIX

AGENCIES--COMMERCE DEPARTMENT

Federal Communications Commission (FCC)

Independent regulatory agency established by Communications Act of 1934. Responsible for regulating radio and television, including cable--using guidelines outlined by law. Involves supervision of nation's telecommunication system.

Contact: Public Information Division
Office of Public Affairs, Room 258
1919 M Street N.W.
Washington, D.C., 20554
Phone: (202) 632-7000

National Committee for the Full Development of Instructional Television Fixed Service

Advisory committee to the FCC, made up of persons appointed from outside the government--to provide advice & also help in setting standards.

U. S. National Telecommunications & Information Administation(NTIA)

Policymaking agency and technical advisor on telecommunication matters in U.S. Federal government. It has five divisions. A catalog of publications is available from NTIA.

To Order: National Technical Information Service
5285 Port Royal Rd.
Springfield, Va., 22131

Or: Superintendent of Documents, Government Printing Office

Contact: David J. Markey, Administrator
National Telecommunications & Information Administration
14th Street. & Constitution Ave. N.W.
Phone: (202) 377-1832

SELECTED BIBLIOGRAPHY

American Society for Information Science. *Data Base Directory*, 1984- 85. White Plains, N.Y.: Knowledge Industry Publications Inc., 1985.

Published electronically, in cooperation with the American Society of Information Science. Available through subscription to DataBase User Service. Online service is updated regularly and supplemented by monthly newsletter, *Data Base Alert*. Includes: commercial, educational and governmental databases. Lists: addresses; prices; language; corresponding print sources, subject access, search aids.

Association for Educational Communication and Technology. *Educational Technology: A Glossary of Terms*. Washington, D.C.: Association of Educational Communications and Technology, 1979.

Seems a little dated, but gives some basic definitions. Produced by the AECT Task Force on Definition and Terminology.

Boss, Richard W. *Telecommunications for Library Management*. White Plains, N.Y.: Knowledge Industry Publications, Inc., 1985.

Stresses the need for librarians to be knowledgeable. Discusses basic terminology and technology of telecommunications for persons not familiar with field. Reviews standards for local and wide area service; hardware & software. Includes the implementation of systems.

Bullock, Charles S., Anderson, James E. and Brady, David W. *Public Policy in the Eighties*. Monterey, Calif.: Brooks: Cole Publishing Co., 1983.

Sets up the concept of public policy; defines; shows an approach to study. Puts forth examples of problems and illustrates how they are solved

Directory of Online Databases, Vol. 7, No. 2. N.Y.: Cuadra/Elsevier, 1986.

Lists different types of databases available online: Reference--pointing to another sources, e.g. document, organization or individual; or source--original date, full text, or material prepared for electronic distribution. Contains three sections: Database description; a reference list of producer and online service addresses; and indexes

Gale Research Company. *Encyclopedia of Associations, 20th Ed*. Detroit, Michigan: Gale Research Co., 1985.

Organizations that relate to a particular interest area are placed with other professional groups. Provides: address;contact person; size of membership; listing of activities; conventions; and publications.

Gale Research Company. *Encyclopedia of Governnmental Advisory Organizations.* Detroit, MI.: Gale Research Inc., 1985.

Administrative agencies, bureaus and offices of the government are listed with the advisory committees. There is a program description for each, with their history and authority. Publications and subsidary units are added. Order arranged by major governmental agencies.

Gale Research Company. *Telecommunications Systems and Services Directory, 2nd Ed.* Detroit, MI.: Gale Research Inc., 1985.

Lists companies, agencies, and commercial & government organizations involved in the field of Telecommunications. Indexed also by geographic area and personal names.

International Encyclopedia of Education. Oxford, England: Pergamon Press, 1985.

Based on research and studies, the field of educational technology is defined, reviewed, and summarized. Known persons in the field are cited. A large bibliography is provided.(Vol. 3)

Lesko, Marrhew. *Information, USA.* N.Y.: The Viking Press, 1983.

General resource book which has information about the Federal government programs. Includes clearinghouses, databases, grant programs, valuable facts.

Schmittroth, John. *Telecommunications Systems & Services Directory , 2nd Ed.* Detroit, MI.: Gale Research Company, 1985.

Organizations that conduct seminars. Telecommunications equipment suppliers; research; information services; electronic firms & vendors. Index conveniently has geographic, personal name, subject, organizations in master list.

Toll-Free Digest. Claverack, N.Y.: Toll Free Digest Co., 1983.

Toll-free commercial numbers,plus public service numbers listed, by subject, and location--states & cities.

Williams, Martha E., Lannon, Lawrence, and Robins, Carolyn G.(compiled by) *Computer- Readable Databases: A Directory and Data Sourcebook.* Chicago, Ill., American Library Association,1985.

Produced for the American Society for Information Science. Entries include: basic information on database; producer/distributor/generator; availablility and and changes; subject matter and scope; subject anaylsis/indexing; data elements; database services offered; user aids.

Zuchman, Harvey L. and Martin J. Gaynes. *Mass Communications Law: in a Nutshell.* St. Paul, Minn.: West Publishing., 1983.

Historical background to communications in the U.S. Legal implications and ruling cited. Regulation of the media discussed. Emerging technologies covered.

GENERAL BIBLIOGRAPHY

Colby, Peter W. *New York State Today.* Albany, N.Y.: State University of New York Press, 1985.

Gothberg, Helen M. *Television and Video in Libraries and Schools.* Hamden, Conn.: Shoe String Press, Inc., 1983.

Kenny, Brigitte L. (ed.) *Cable for Information Delivery.* White Plains, N.Y. Knowledge Industry Publications, Inc., 1984.

King, Donald W. et al (ed,) *Telecommunications and Libraries.* White Plains,N.Y.: Knowledge Industry Publications, Inc., 1981.

New York State Department of Education. *Regulations and the Regent's Plan.* Albany, N.Y.: Commission of Education, Nov. 19, 1984.

United States. Congress. Department of Education. *A Nation at Risk: The Imperative for Educational Reform.* Washington, D.C.: Government Printing Office, 1983.